

FOLIO

UNIVERSITY OF ALBERTA
28 JANUARY 1994

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University's graduate students increasingly winning national scholarships

Two programs credited for bringing the best and the brightest here

By Michael Robb

The number of national scholarships held each year by graduate students at the University of Alberta has climbed steadily over the last decade, especially during the last four years.

Over those four years, Natural Sciences and Engineering Research Council awards to graduate students have increased by 50 per-

cent; Social Sciences and Humanities Research Council awards have increased by 33 percent; and Medical Research Council awards have increased by 23 percent.

"I believe this clearly indicates that in general terms our graduate programs are well regarded nationally," says Tony Kernahan, who was Acting Dean of the Faculty of Gradu-

ate Studies and Research before Murray Gray's appointment as Dean 1 January.

In dollars and cents, graduate students with national awards brought some \$4 million to the University of Alberta in 1993-94.

Dr Gray says the data is very encouraging and is something the whole University can take pride in. He says the successes are the result of three things: the fact that departments are putting more effort into recruiting top-calibre students, the leadership of former Dean Fu-Shiang Chia, and two scholarship programs offered by the University.

The Walter H Johns Graduate Fellowship is automatically available to any graduate student who has a national scholarship. The Johns Fellowship, instituted in 1985-86, is valued at \$3,000. A second scholarship, the PhD recruitment scholarship, was instituted four years ago. In 1993-94, it was valued at \$14,000.

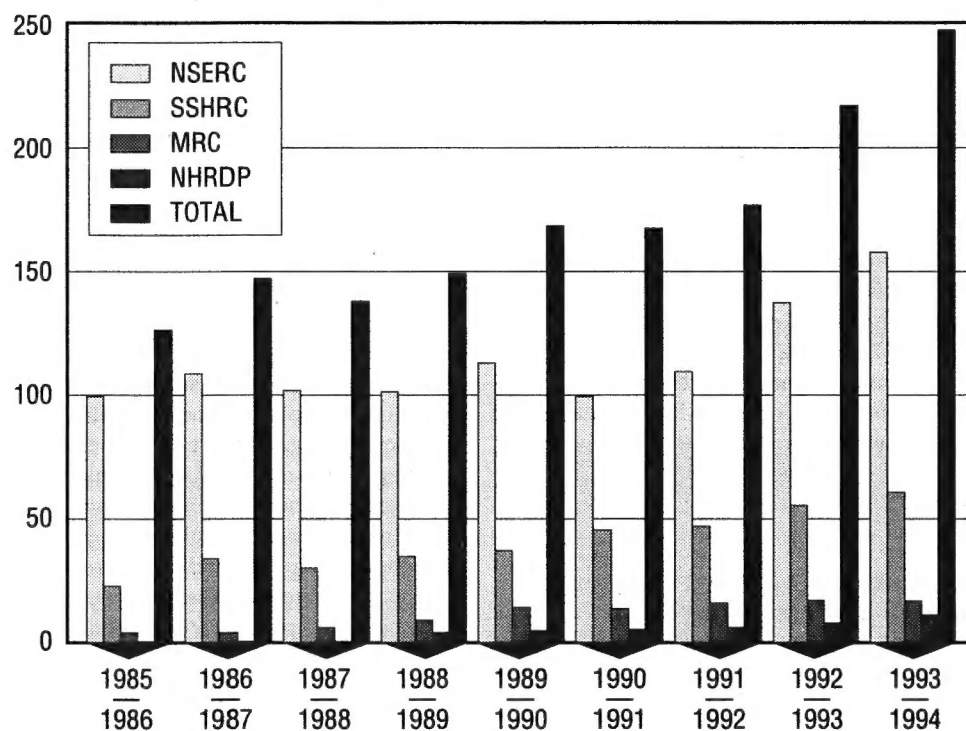
"Those scholarships are bringing in top calibre students who are then going out and getting their own scholarships," Dr Gray explains. "Many of those students go on and get SSHRC scholarships, for example, in subsequent competitions. So, by bringing in excellent people, we're picking up more scholarships from other sources."

"Now we can look at the results of those two scholarship programs and see how effective they've been," he says. "The statistics are rather dramatic."

The U of A's share of national scholarships held by graduate students has also increased. "There's actually been a slight decrease of NSERC awards given out nationally. The pool has been basically fixed and our share has gone up. The U of A has gone from being a net exporter of top-end graduate students to a net importer from the rest of Canada over the last four to eight years."

Asked who the losers are, Dr Gray says bluntly, other universities. "This is a competitive situation. We're attracting more students

Continued on page 2



National scholarships by year at the University of Alberta

U of A will help define government's new programs – Davenport

President emphasizes that quality must govern forthcoming decisions

By Michael Robb

Quality must govern the kinds of decisions the provincial government makes as it proceeds with its new programs and initiatives, says the President of the University of Alberta.

With the provincial government planning to create centres of specialization to serve the whole province and realize economies of scale, Paul Davenport says rationalization has to be based on quality.

"We need to get involved as a University in defining what that means."

"We believe that the accent should be on quality," he told the teach-in organized last week by an ad hoc group that's concerned about provincial government cuts to advanced education. "If we're going to make decisions with regard to different departments in different places, those decisions should be driven by quality. They should not be political decisions where you get one and they get another. That won't work."

"If we need to rationalize, it should be based on quality across the province, just as internally we try to base those decisions on quality within the institution."

President Davenport said he didn't want to understate the challenges the University will face in terms of access, recruitment and quality over the next several years. "But now is the time for us to get involved in defining some of these programs, so that the U of A can take full advantage of them in the future and we can come out of this as the premier institution in the province."

An access fund was announced by the Minister of Advanced Education and Career Development to fund innovative and cost-effective programs and to help Albertans meet the challenge of a rapidly changing workplace. "We must be very clear that we at the U of A must have equal access to those funds," he said, referring to some speculation that the technical institutes and vocational

colleges would be given preferential treatment.

"Any fund that's related to innovation, quality, and workplace performance should be wide-open to our students and institution."

The President said the provincial government's new funding formula that will recognize efficiency and effectiveness must be related to quality. "We want to see quality at the top of the agenda in this new funding formula. We want to be sure that what goes on is not rewarding what happens to be the cheapest, but rewarding efficiency in the sense of high quality and good, competitive cost."

Dr Davenport said that if the U of A takes the position that its grant can't be cut, it will be seen by supporters in the community as being unreasonable.

He reiterated that the provincial government's cuts are massive, will put serious strains on the postsecondary system, make recruitment very difficult and affect the quality of education.



Don Mazankowski

Mazankowski appointed to Board of Governors

Don Mazankowski has been appointed to the University of Alberta Board of Governors by Advanced Education and Career Development Minister Jack Ady.

A public appointee to the Board, Mazankowski will serve from 19 January 1994 to 19 January 1997.

He succeeds Al Hiebert, who served two consecutive three-year terms on the Board.

Mazankowski will attend an orientation session next week; his first meeting as a member of the Board will take place 4 February.

A Vegreville businessman, Mazankowski was first elected to the House of Commons in 1968, and was reelected in 1972, 1974, 1979, 1980, 1984 and 1988. Formerly Deputy Prime Minister and Minister of Finance, Mazankowski at varying times held the portfolios of Minister of Transport, Minister responsible for Privatization and Regulatory Affairs, and Minister of Agriculture.

High flyers being courted by other universities, teach-in told

By Michael Robb

The University of Alberta is going to be losing its high flyers, the Acting Dean of Arts told the teach-in last week organized by an ad hoc committee of people on campus concerned about recent provincial government funding cuts.

"This isn't an idle threat or an idle concern," Margaret Van de Pitte said. "I write recommendations regularly for our high flyers who are being courted by other institutions. It's happening and it's happening now. Some of the people we know and value best are already committed and on the verge of going come July."

The Acting Dean said the new young recruits are also upset, uncertain about the institution's future and are shopping. Some have found positions elsewhere.

We'll lose grants and the loss of funded research, she told students and staff who

authorities about the cost effectiveness of some of the things they're proposing, she said.

Dr Van de Pitte said the University's naturally transforming disciplines are ossified in some respects in programs appropriate to earlier forms of their disciplines. "We are being obliged by adversity and by resignations to transform, to rethink, modernize and liberate our programs. That's really exciting."

"We must seek new teaching and research collaborations in order to survive. We've stayed in our comfortable little envelopes... and that's a luxury that's cost us a lot."

Finally, she said, there will be a deregulation of processes. There won't be so many rules and regulations because they'll cost too much to administer. "The consequence of that - if done right - is that there will be more freedom for students to move between programs and institutions." She added that there might be more opportunities in the future for more independent study.

Confederation of Alberta Faculty Associations President Jim Marino projected that with an allowable two percent reduction in each of the next three years of student enrollment and a much faster reduction in the number of faculty, the faculty-student ratio of 16 to 1 would rise to 28.3 to 1 at the end of three years.

"It will mean a 35-student class in English would rise to about 50 students in a class," he said.

"We're either going to see bigger classes or higher entrance requirements," Students' Union President Terence Filewych said.

Edmonton Public School Board Chair Dick Mather questioned why the government had to accomplish the budget cuts over a relatively short period of three years. Curiously, he said, the last year of the provincial government's mandate includes no cuts.

"I think our government has changed significantly from democratic to something much more centralist," he said.

"... we have to make sure that what survives is something we recognize and respect. That's the big task."

Margaret Van de Pitte,
Acting Dean of Arts

gathered in CAB to listen to speakers from on- and off-campus over several hours.

But the Acting Dean also wanted to point out a number of more positive developments. "I think we have to assume we're going to survive. We aren't unique. It happened to UBC and they survived. But we have to make sure that what survives is something we recognize and respect. That's the big task. Our protest should consist largely of marshalling the arguments necessary to slow down the process."

That would allow for a more rational process, and to demand and get answers from the

Michael Robb



Edmonton Public School Board Chair Dick Mather urged students to remember recent events when voting in the next provincial election.

Anne McLellan to speak on campus

The Mechanical Engineering PhD Women's Association is inviting graduate students, faculty and staff to attend a luncheon at which Anne McLellan, MP Edmonton Northwest, will speak.

The Minister of Natural Resource's topic will be the future of the natural resources industries in Alberta.

The luncheon will take place Friday, 4 March, noon to 1:30, at the Faculty Club. Tickets, priced at \$15, are available from Helen Wozniuk, 4-9 Mechanical Engineering Building, or by phoning 492-3598. Cheques should be made payable to Mechanical Engineering PhD Women's Association.

COSL calls for a full campus security audit

Increase in patrol officers also recommended

By Michael Robb

Campus Security Services (CSS) should conduct a full campus security audit over the next three years, the Council on Student Life (COSL) standing committee on reports and reviews recommends.

The audit should be conducted in cooperation with Physical Plant, individual departments and Insurance and Risk Management.

The committee, chaired by English Professor Raymond Grant and charged with investigating safety and security on campus, made 27 recommendations. The report was tabled at the COSL meeting 11 January.

It's recommended that the number of CSS patrol officers be increased in accordance with a national standard and that the University

and city determine which organization is responsible for LRT station security.

Another recommendation is that "U-Watch" initiate and implement a safety education program in cooperation with other safety services on campus and that CSS initiate and coordinate a crime stoppers program.

"We received a gratifying number of responses," Dr Grant told the meeting. While the report focuses on Campus Security Services, it does not do so entirely. "We've looked at the entire picture."

Dr Grant and Dean of Students Jim Newton have been empowered by COSL to meet later this month to hammer out a number of motions based on the report's recommendations. Those motions will then be put to COSL, explains Dr Newton. COSL meets again 8 February.

The report calls on CSS to include training for all its officers on sexual assault, including date rape, and in the handling of issues involving gays, lesbians and bisexuals, women and minorities, and persons with disabilities. The University and Students' Union are called upon to continue operating the Sexual Assault Centre next year and provide the necessary increased funding, staffing, support and space. At the same time, it's recommended that the Board of Governors provide funding so that the position of coordinator of the Sexual Assault Centre can become a full-time position.

The Security Advisory Committee is urged to conduct a review of current policies and procedures that deal with violence, threats of violence and other dangers to people. The report also calls on SAC to include in its mandate the review and assessment of security services, improving communication, hearing and resolving complaints and disputes, and providing input to all security services on campus, on issues related to campus safety and security.

A pervasive theme throughout the report is the need for a heightened awareness of security issues on campus and communications. For example, the report urges the Safety on Campus Committee to reactivate and update annually a safety on campus catalogue to outline the variety of safety programs on campus.

Members of the committee are: Linda Hornberger, Risk Management; Matthew Brown, student; Annalise Acorn and Lewis Klar, Faculty of Law; Susan Shaw, Office of Human Rights; Danya Handelsman and Craig Watt, Students' Union; and Tim McRory, English. Doug Langevin and Dennis Dahlstedt, Campus Security Services, were committee resource persons.

FOLIO

Volume 31 Number 21

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Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 30 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Contact Public Affairs for sizes, rates and other particulars.

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ISSN 0015-5764 Copyright 1994

Scholarships

Continued from page 1

and other universities are losing these students." Asked whether the data suggests that there may be a trend towards a consolidation of major research funding at select, big universities, he says there may be some of that happening. It's possible the U of A is attracting scholars from smaller institutions.

"We don't have detailed information to say exactly where these students are coming from now versus where they came from in 1990-91. What we do know is that some of these incentives we've brought in for recruiting seem to be very successful."

Will the University be able to sustain the two scholarship programs? The PhD scholarship was planned to increase next year, but budget cuts may rule that out. Dr Gray is hopeful that at least it won't shrink. "Our intent is to sustain the Walter Johns and continue to offer this top-up scholarship," he says. "We're hoping that scholarship programs won't be cut as severely as the average cut at the University."

In 1993-94, 56 new PhD recruitment scholarships were awarded. They are awarded for two years, so there are roughly 110 recipients at one time. "That scholarship really helps departments bring in first-rate graduate students and be able to fund them at a proper level," the Dean says. In 1993-94, 247 graduate students held national scholarships and, therefore, were eligible for the Walter Johns Fellowship.

NATIONAL SCHOLARSHIPS HELD AT UNIVERSITY OF ALBERTA¹

YEAR	NSERC	SSHRC COUNCIL	TRI	NHDP	TOTAL
93/94	157	60	4	10	247
92/93	137	55	1	7	216
91/92	109	47		5	176
90/91	104	45		5	167
89/90	113	37		4	169
88/89	101	35		4	149
87/88	104	31			142
86/87	85	36			125
85/86	96	17			116
84/85	105	18			136
83/84	100	24			125
82/83	98	25			126
81/82	89	28			121
80/81	94	23			125
79/80	78	37			128
78/79	93	31			124+
77/78	113	36			162
76/77	107	45			161
75/76	110	42			159
74/75	113	70			183+

n/a = not available

* As of 93/12/13

¹ Prior to 1985, data are from Office of Student Awards' compilations of national agency statistics (and can therefore only be taken as approximations). From 1985/86 on, data are based on the number of Walter H Johns Graduate Fellowships (previously called Graduate Faculty Fellowships) identified.



University
of
Alberta

Winspear gift major boost for Accounting

Department recruiting vigorously for new Chair

By Sandra Halme

Long-time University of Alberta benefactor Francis Winspear's latest gift has triggered a wide-ranging search for a new Chair of Accounting and Management Information Systems.

The fortuitous coincidence of Jim Newton's recent appointment as Dean of Students and Dr Winspear's donation provides an extraordinary opportunity for the department, says Rodney Schneck, Dean of the Faculty of Business. The constraints imposed by the University's financial situation, combined with changes in the job market for accounting students, necessitates that the department come up with innovative and responsive ways to use limited resources, he says. Developing and implementing the "entrepreneurial" initiatives to meet this challenge will require a department chair who possesses top-notch managerial talents, the Dean says.

Dr Winspear's gift of \$250,000 to the University of Alberta 1991 Foundation will be used primarily to fund additional remuneration over the next four years for an externally-recruited department chair. At the end of the four years, the Faculty will cover salary costs from internal funds. Dr Schneck emphasizes that successful recruitment of a first-rate leader and that person's subsequent execution of the department's mandate should result in increased support from the community to offset the Faculty's commitment.

Any funds remaining after remuneration support will be used to enhance the department's teaching and research programs as well as improving service to business and the accounting profession.

"Once again, Dr Winspear has taken a leadership role in supporting and maintaining excellence at the University," says President Paul Davenport. "His gift to the Department of Accounting will ensure that it remains one of the top departments in North America and one in which the University and all Albertans can take great pride."

"His commitment to the University over the past 60 years has been truly remarkable. We at the U of A are profoundly grateful for his vision, his advice, and his leadership."

"When governments fail to meet their responsibilities, it becomes necessary for the public to step in and help out," Dr Winspear says. "Accounting is so important in the world of business that it just cannot be allowed to decline because of lack of money. I am proud that the top accounting students in Alberta continue to be among the best in Canada."

An accountant by profession, Dr Winspear taught that discipline at the University for more than 20 years. He was also head of the then School of Commerce in 1954-55 and travelled throughout North America examining other business schools' curricula. This experience reinforced his long-standing conviction



Francis Winspear

that close ties with the business world are vital for business students and faculty.

Dr Winspear's most recent gift brings his total gifts to the University to more than \$4.8 million. His contributions have been made through personal donations directly to the University, the University of Alberta 1991 Foundation and through the Winspear Foundation.

University an 'engine of economic development'

Jim Murray takes on Intellectual Property and Contracts portfolio

By Sandra Halme

When Jim Murray, the newly appointed Director of the Intellectual Property and Contracts Office (IPCO), first met with faculty and researchers on campus he realized that there's a good base of research excellence and expertise here. He then talked about great opportunities for using intellectual property as development and economic diversification for research-based industries in Alberta.

"The University is an engine of economic development for Alberta," he enthuses.

Dr Murray knows of what he speaks. As the first director of University-Industry Liaison at the University of British Columbia, he started in 1983 as the office's sole employee. Eight years later, he and his nine colleagues were responsible for creating 110 UBC-related companies, generating \$542 million by 1991. In the last seven years alone, some \$135 million has been injected into these spinoff companies.

As well, the University-Industry Liaison office is funded primarily from outside sources (40 percent UBC; 40 percent B.C. government; 15 percent federal; and 5 percent other). "The B.C. and federal governments realize the importance of creating knowledge-based industries," Dr Murray says. "There is a big payoff for the province - in job creation and economic stimulation."

Dr Murray sees great potential here, saying, "We have the expertise, ability and willingness to do the same here as at UBC. I have identified a number of world-class research projects on campus which would make very interesting intellectual properties." Dr Murray draws several parallels between the U of A and UBC, including similar levels of expertise, size and budget. He sees no reason why the University can't also become a leader in the



Jim Murray

creation of knowledge-based industries in the province.

"My job and objective," he says, "is to use the expertise here on campus to create knowledge-based industry."

Martha Piper, Vice-President (Research), says, "I am absolutely thrilled that Dr Murray will be directing our Intellectual Property and Contracts Office. His track record at UBC demonstrates that he understands the research opportunities that arise from strengthened industrial ties. Dr Murray is an acknowledged leader in technology transfer, and I am delighted that he is returning to his alma mater."

Dr Murray's five-year term will officially begin in the late spring although he's going to be on campus periodically until then. His commitment to his students will keep him

commuting for the next several weeks.

"I have teaching duties and in particular, three grad students who are at a crucial point in their work. I couldn't leave them in the lurch."

An alumnus of the University of Alberta (BSc 1957), Dr Murray studied at Princeton for his master's and doctoral degrees. He joined UBC's Department of Geological Sciences in 1965 and was appointed full professor in 1974. Dr Murray has been invited to speak at numerous conferences and symposia pertaining to technology transfer. He is a member of the Canadian Society of Petroleum Geologists and B.C. and Yukon Chamber of Mines, and serves as vice-president of the Association of University Technology Managers in Canada and the United States.

Earthquake discussion scheduled

It's set up as a talk, but "Could a Los Angeles-style Earthquake Occur in Western Canada?" will be more along the lines of a discussion, for nonspecialists, of what we know happens in an earthquake, what we're pretty sure happens, and what we wish we knew.

Physics Professor Edo Nyland supplied the above abstract, noting too that the recent earthquake disaster in Los Angeles and the earlier one in India may lead to unnecessary worry. Professor Nyland will speak Monday 31 January, at 7 pm in 113 Education South.

CURRENTS



EFF - University Teaching Research Fund: application deadline

The deadline for receipt of applications to the Endowment Fund for the Future - University Teaching Research Fund is 15 February 1994. Application forms are available from University Teaching Services, 215 CAB. Telephone 492-2826.

Temp Staff Services extends hours

Effective 1 February, Temporary Staff Services' hours of operation will be from 8 am to 4:30 pm. The extension is intended to accommodate people from all areas of campus, many of whom start work at 8 am year round.

Library to survey faculty and students

Balance of services needs to be worked out

The Library will soon distribute a survey to all faculty and about 3,000 students. The purpose is to get some idea from those users on what they consider the core services to be, explains Chief Librarian Ernie Ingles.

This sort of survey hasn't been done in a very long time - if ever. "It will serve as a benchmark, and then we can get some sense of where we're at; we can then go back in three or four years and see how things have changed," he says.

Ingles expects the responses to reflect the different needs of faculty and students. We can't say that all undergraduates, for example, use the Library in similar ways. There are so many different information needs to consider. That's why the Library has to balance its services, he explains.

Despite the gravity of the budgetary situation, Ingles points out that there have been two recent expressions of satisfaction for the Library. The exit survey of graduates and the questions regarding the Library in the graduate students' survey both found that there was general satisfaction. A high 60s percentage rating is quite acceptable, he says. "Few other libraries have the same level of satisfaction."

The faculty survey asks respondents to evaluate the importance of study space and facilities, service hours, collection availability and access, reference and instructional services and circulation services. It also asks faculty to rate the three most important services and the three least important services.

Both surveys contain more than 20 questions.

The Library has lost about 10 percent of its budget over the last three or four years, and cuts in the 15-20 percent range are looming.

Information from the survey will help Library staff determine what services will remain and what services will have to go. Two versions of the survey have been put together, one for faculty and one for students. The latter form has been tested with students.

Ingles hopes the surveys will be returned by mid-February.

Graduate students find experiences positive overall, study finds

Profile of students' financial status and attitudes developed

A study conducted by the Graduate Students' Association suggests that, apart from financial considerations, the overall evaluation of the graduate student experience at the University of Alberta is positive.

"However, the financial considerations are not insignificant and need to be addressed in a creative and equitable way in order to pre-empt a serious deterioration in the quality of student life and the quality of academic performance," authors Rita Egan and Steven Karp say in their report.

The recently released study, which is titled "A profile of the financial status of graduate students at the University of Alberta and attitudinal responses to their lives as graduate students in October 1992," "reinforces the perception that the graduate student population at the University is a heterogeneous

group of people with a wide range of income and expenditures, life experiences and graduate student experience.

"Our chief concern, however, must lie with those students who are clearly suffering economically and academically," the two graduate student researchers and former GSA executive members say. A significant percentage of graduate students have insufficient money to afford adequate food.

"There is also a worrying number of students spending a disproportionate percentage of their income on shelter. A striking feature of this study is the proportionately equal number of Canadian and foreign students living in poverty," say Egan and Karp.

Questionnaires were distributed to all graduate students in October 1992. A total of 1,209 students (28.3 percent of the graduate

student population) returned completed questionnaires. The total full- and part-time graduate student population in October 1992 was 4,268. The response rate would have been higher had the GSA been able to send questionnaires only to those currently studying on campus; they were unable to differentiate between those students studying on campus and those studying off campus.

Karp and Egan pointed out that some Faculties were clearly outstanding as far as their treatment of students was concerned. Rehabilitation Medicine and Nursing received overwhelmingly positive evaluations. However, some respondents expressed extreme dissatisfaction with some departments.

With a few exceptions, the Faculty of Graduate Studies and Research was evaluated favourably. The Library was evaluated favourably, but some graduate students expressed concern about the reduction of journal and book acquisitions. Apart from funding, the most negative evaluations of the University experience were levelled at University residences. Respondents said they were overpriced and in poor repair.

Registrar's Office creates photo op

Attention budding Annie Leibovitzes and Courtney Milnes: the Registrar's Office wants your photographs or slides, specifically, recent pictures (last 12 months) which are representative of University life (the operative word being "life").

Action pictures of particular interest are those showing student residence life; activity in classrooms, laboratories, libraries and common areas; off-campus hot spots; and special University projects in the making or being shown off. Scenic campus shots from all four seasons are also wanted.

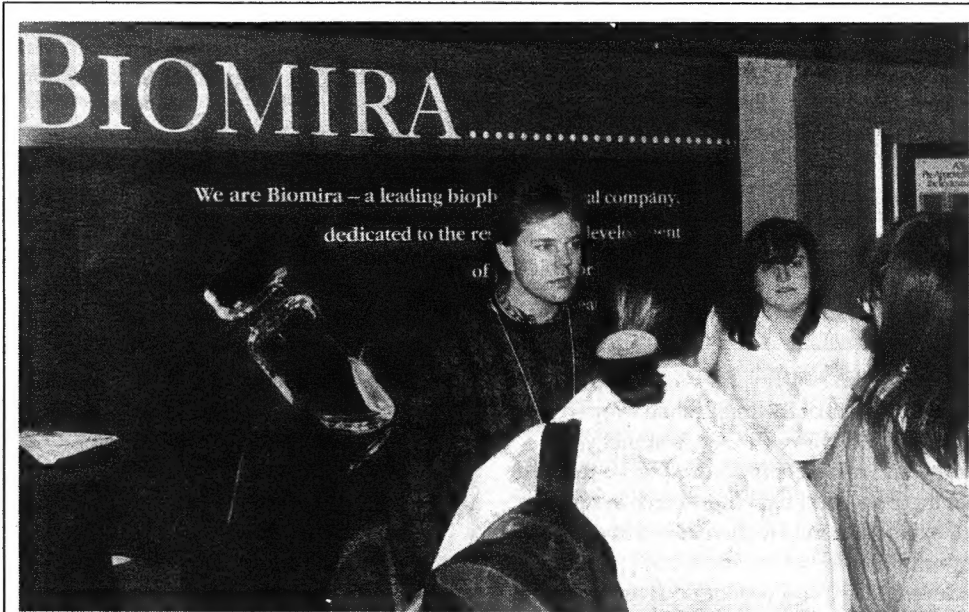
The call comes from Bonnie Neuman, Director of Admissions in the Registrar's Office. She says the photos will be used in admissions publications, slide shows at high schools, University displays at career fairs and multimedia presentations. "We expect to be flooded with photographs and slides, so unfortunately we won't be able to return them." She asks that each photo or slide note: date (year/month) of the photograph; name(s) of the people pictured; the occasion; and the photographer's name (so appropriate credit can be given).

Forward your contributions to Bonnie Neuman, Registrar's Office, Administration Building.

Sixteen appointed McCalla Research Professors

The following faculty have been awarded McCalla Research Professorships for 1993-94:

FACULTY	DEPARTMENT	NAME
Agriculture and Forestry	Animal Science	John Kennelly
Arts	English	Patricia Demers
	English	Fred Radford
	History	Patricia Prestwich
	Religious Studies	Francis Landy
Business	Accounting and Management	David Cooper
	Information Systems	
Education	Educational Psychology	John Osborne... Split
	Educational Psychology	D Donald Sawatzky... Split
Engineering	Metallurgical and	Doug G Ivey
	Petroleum Engineering	
Medicine	Physiology	Esmond Sanders
Science	Chemistry	RG Cavell
	Computing Science	T Ozs
	Physics	JC Samson
SMALL FACULTIES		
Home Economics	Foods and Nutrition	TK Basu
Pharmacy	—	LI Wiebe
Physical Education and Recreation	Physical Education and Sport Studies	T Slack



Career and Placement Services held its annual career day last week. Here, Biomira's Christian Knaack and Irene Watson respond to students' questions about job opportunities.

Haskayne to receive Canadian Business Leader Award

Richard Haskayne, chair of the Board of NOVA Corporation of Alberta, has been named recipient of the 1994 Canadian Business Leader Award. The award, presented by the Faculty of Business since 1982, recognizes outstanding achievements and celebrates the business acumen of Canadian businesspeople.

Haskayne has had a distinguished career in the oil and gas industry, beginning with his employment by Hudson's Bay Oil and Gas Company in 1960. He subsequently held a number of senior administrative positions which culminated in his appointment as president in 1980. A year later, he became president and CEO of Home Oil Company Ltd and was also named executive vice-president and director of Hiram Walker Resources. In 1987, he became president, CEO and director of Interprovincial Pipe Line Ltd. He retired as leader of Interhome Energy Inc in 1991 and joined NOVA.

Steve Glover, executive director of the Institute of Chartered Accountants of Alberta (the association responsible for the nomination), said Haskayne's name was put forward

for a number of reasons. "He has shown superb leadership in our profession for the past 34 years."

One way in which Haskayne distinguished himself, said Glover, was through his participation in the national Macdonald Commission which studied the public's expectations of audits. "The Commission produced an extensive report resulting in a blueprint for auditing standards and performance in the country - Mr Haskayne's involvement was instrumental," he said.

John Ferguson, president and CEO of Princeton Developments Ltd and Chair of the Faculty's Business Advisory Council, added that Haskayne is a well-rounded individual who is an excellent role model for students. "He is a professional; has been the chief executive officer of a successful energy company; is the chairman of a major pipeline and chemical company; is the chairman of a major Canadian university; is an active community leader; and is a genuine nice person."

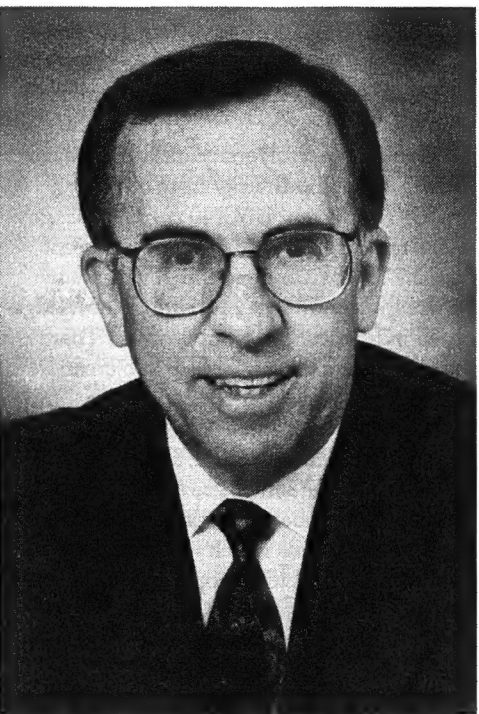
A native Albertan, Haskayne is a graduate of the University of Alberta (BCom, 1956),

and qualified as a chartered accountant in 1959.

He chairs the Board of Governors at the University of Calgary and sits as a director of (in addition to NOVA Corporation of Alberta): the Canadian Imperial Bank of Commerce, TransAlta Utilities Corporation, Manulife Financial, and Fording Coal Ltd. In the community, he has served as a member of the Canadian Economic Policy Committee of the CD Howe Institute, Conference Board of Canada and the Canadian Petroleum Association. He is also a Governor of the Olympic Trust of Canada and a life member of the Alberta Children's Hospital Foundation.

Haskayne was elected a Fellow of the Canadian Institute of Chartered Accountants (FCA) in 1985, and appointed to the Outstanding CEO of the Year Award advisory board.

The award will be presented at the annual Canadian Business Leadership Award Dinner sponsored by the Faculty of Business on Monday, 21 March, at the Westin Hotel. For more information or to purchase tickets, call 492-2348.



Richard Haskayne

Working for a living rather than living for work

By Wes Penner and Noreen Paananen, Employee Assistance Program

Several years ago a classroom teacher came to our office with a major headache. Her efforts to do all that is required of a teacher, to do it perfectly, and to do it in record time had taken their toll. Recently, several groups of middle managers who had been laid off were asked what (if anything) they would do differently if they were allowed to resume their jobs. Consistently their responses suggested a desire to have lived a more balanced life in their previous jobs. What the teacher and the members of the middle management groups seem to have in common is a tendency toward what has come to be known as workaholism.

As Employee Assistance Program (EAP) psychologists and consultants, we are encountering an increasing number of people who suffer from workaholism. And so we wish to share with *Folio* readers a definition of workaholism, some significant features of the apparent illness, and some suggestions concerning ways of preventing it and recovering from it.

Definition

Workaholism is an addiction to action which may be of a physical, mental, and/or emotional nature. It often begins quite harmlessly with a healthy love of work combined with a desire to do the work well. As time passes, the love develops into something that feels more and more like an obsession, and the desire to do the work well feels more and more like a compulsion driven by perfectionism and desperation.

Typical symptoms of work addiction include: denial of personal needs, inability to identify or maintain boundaries that can protect one from excessiveness, an orientation to work that erroneously needs crises to achieve higher peaks of performance, and a need to control others in an effort to have them join the action. Finally, work becomes the "fix" that will substitute progressively more for other aspects of life like relationships with family, friends, and colleagues, and pursuits of a recreational, cultural, and spiritual nature.

Significant features

Here are some of the features we consider to be the most helpful in understanding workaholism.

1) Distinctions exist between one who is addicted to work and one who has a healthy love for it. The distinctions eventually evidence themselves in the general approach one has to work. The addicted person has a need to fill a void or fulfil some distant and ill-defined desire, a need to distract or withdraw from stressors, a need for an adrenalin high that acts as a stimulant, or suffers from an inability to say no although the body, mind, and spirit plead for such a response to internal and external demands. Underlying the addiction to work is often the fear of failure and/or the need to please.

The healthy approach to work, on the other hand, is based on a belief that life, including one's work, is a journey lined with opportunities to learn, to be creative, to share of oneself, to grow, to be challenged, to listen, and to change. Addiction evolves out of an imbalance; healthy love creates balance and is sustained by it.

2) Workaholism, like other addictions, eventually affects loved ones. They resent and feel betrayed by the intellectual aloofness, emotional withdrawal, and physical distance the addiction demands of spouses, friends, or colleagues. The workaholic is essentially having an affair with work.

3) Most of us agree with the institutions in our society that variously teach that excellence ought to be pursued, that service to others is a good thing, that nurturance and opportunities to learn need to be extended and offered to our children, and that unparalleled personal and corporate efforts will have to be made to help turn the economy around. However, we also need to understand the importance of balancing the desire to achieve all these goals with a desire to look after ourselves and to maintain our own personal well-being. The workaholic loses this balance and follows work pursuits at the expense of well-being.

4) Workaholism is an illness that can destroy relationships with others, a person's performance at work, and personal health. It is an addiction that has been described as being on par with alcohol addiction in terms of its destructiveness.

Suggestions concerning prevention of and recovery from workaholism

Prevention of workaholism is largely achieved by maintaining a balanced life. In our opinion a balanced life requires the involvement of all aspects of self: the emotional, spiritual, intellectual, and physical. Examples of involvement include:

- Developing and nurturing relationships with family, friends, and colleagues;
- Being a part of an interest group, a community in which mutual support is experienced and meaningful relationships formed;
- Pursuing interests outside work;
- Cultivating a spirituality that sensitizes one to what is truly meaningful in life (some of our meaning lies in our work, but much of it can be discovered outside of our everyday work routine); and,
- A disciplined approach to looking after one's own physical well-being through adequate exercise, nutritious eating, and proper rest.

Recovery

Recovery from workaholism is possible, but requires hard work and vigilance. Following are some suggestions:

- Acknowledge your addiction first to yourself, and then to family and colleagues who can provide support.

- Be patient. Your need to see results immediately will work against you, so don't expect to change overnight.

- Give yourself the freedom to live each day well. Stop sacrificing today's joys for tomorrow's desires.

- Give people a high priority in your life.
- Give yourself permission to be imperfect.

Remember the opposite of incompetence is competence, not perfection.

- Listen to your body. Chronic fatigue is a strong message telling you to stop and look at what you are doing.

- Do not work at play. Play is for fun and recreation is for enjoyment.

- Learn to say no. When you are already overloaded and exhausted, saying no is a healthy type of selfishness.

Conclusion

Workaholism, like other addictions, has far-reaching consequences and the long-term damage is extremely serious. Since it is so respectable, work dependency is one of the most dangerous of all addictions. It gives the addict a false sense of self-worth, power, and control so all-consuming that it destroys the addict, relationships, families, and the workplace. We believe that this addiction can be prevented and also recovered from if one works for a living rather than lives for work. It's a matter of creating and restoring balance.

References

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'Exploring New Horizons: Craft Emerges'

The Department of Human Ecology is sponsoring an all-day (28 January) symposium called "Exploring New Horizons: Craft Emerges." The symposium, which takes place in 165 Education South from 9 am to 5 pm, highlights current research on craft by students in the department.

"Craft," the symposium's organizers say, "is an elusive topic with both symbolic and productive dimensions. It is most often understood in opposition to either the fine arts or the machine made: yet the particularity of craft has seldom been examined."

Specific themes include women and craft, craft and development, craft as knowledge, and craft as technology. Short paper presentations will be followed by informal group discussions.

Iain Stuart, 1929 - 1994

Iain Stuart, Professor Emeritus of Applied Sciences in Medicine, passed away in Dublin 13 January, after a very brief illness and an unfairly brief retirement.

A Gaelic-speaking Scotsman with degrees in English from Durham in England, Dr Stuart went on to wander far both geographically and intellectually. He achieved some prominence within traditional aspects of structural linguistics at Georgetown University in Washington before coming to the U of A in 1968 to found and head what became the Department of Linguistics.

His interests in biological facets of the discipline led him into biomagnetism and theoretical biology, hybrid worlds of biology and physics, but progressively away from his colleagues.

He became a lonesome Professor of Theoretical Biology, lost in a modern world of rigid departmentalism, and increasingly immersed in the almost philosophical foundations of physics, the field of all his later publications.

His various friends in Edmonton, who had already lost this erudite and amusing colleague to the Emerald Isle, hope he finds more kindred spirits in the Great Library in the Sky. They also offer loving sympathy to widow Betty and family.

International Week's objective is to 'drum up some global justice'

Prominent among the more than 40 sessions/presentations lined up for International Week '94 is "The International Role of the University of Alberta."

As facilitated by Chancellor Sandy Mactaggart and members of the Senate Task Force on International Dimensions of the University, the session is an opportunity for students and faculty to put forward comments and opinions on the University's international activities.

The session goes 3 February at 12:30 pm in L-3 Humanities Centre.

International Week itself is from 31 January to 5 February. In conjunction with the theme, "Drumming Up Some Global Justice," there will be a parade today (28 January) at noon. Starting at the International Centre at HUB, it will wind through various buildings, picking up drum groups on the way to SUB for opening remarks by President Paul Davenport at 12:30. The parade will then return to HUB.

Another session that relates specifically to the University is "Getting a Global Education at the U of A" (2 February, 11 am, Tory Breezeway Theatre 2). The goal of the session is to determine the steps the University must take in order to internationalize its curriculum. Speakers include Students' Union VP Academic Joanne Bishop, Richard McCabe from the University Students' Coalition on Environment and Development, and the International Centre's Melody Wharton.

Charles Bassett, vice-president corporate affairs, Canadian International Development Agency (CIDA), will present two sessions 4 February. The first, at 9 am in Tory Breezeway 2, is sponsored by Alberta International, and is titled "Struggling for Partnership in International Development: A Bear Pit Session with Charles Bassett." The second - "Canada as a Partner in African Development" - will begin at 1 pm in L-3 Humanities Centre and will focus on partnerships in the African con-

text, examining African needs and looking at how Canada and African nations can work effectively together.

Another guest speaker from Ottawa is Janet Hatcher Roberts, senior program officer for the International Development Research Council. She will lead a session called "Sustainable Development: Embedding Health and Integrating Gender" (3 February, 3:30 pm, L-2 Humanities Centre). Roberts, along with David Young (Anthropology) and Martin Garber-Conrad (Edmonton City Centre Church Corporation), will facilitate a workshop on "New Challenges, Southern Solutions: Primary Health Care and Albertans" (5 February, 10 am, 129 Education South).

International Week '94, the ninth annual such week on campus, is bursting with political, social, cultural, environmental, and economic events. To get the complete picture, pick up a program guide at any of the information desks on campus.

Education and future concern students

By Sandra Halme

Education Week in the Faculty of Education saw students express concerns over the affect of provincial budget cuts on their curriculum, overlapping of course materials and instruction within the Faculty, and job prospects.

The Week's professional development activities got under way 17 January, with Dean Harvey Zingle and Alberta Teachers' Association President Bauni McKay responding to students' questions about teacher education and the future of the Faculty. Students were particularly interested in the Faculty's reasoning for the proposed 2 plus 2 education degree (students would take their first two years of University in a Faculty other than Education and then enter the Faculty for the last two years of study). One of the most prevalent concerns about the proposal was that students wouldn't be exposed to teaching or the classroom until their third year.

"What if a student realizes in their third year that they don't like the profession?" one student asked. "They will have spent two years preparing for nothing." Dean Zingle agreed, adding that it's important for students to be introduced to the classroom and teaching in year one. "Students then approach their education from a practical perspective instead of a theoretical one," he said. The 2 plus 2 proposal, scheduled to be implemented in 1995, has not been approved by the Faculty Council and Dean Zingle pointed out that the proposal has been made by central administration for consideration by the Faculty.

The 20 January forum on the future of teacher education opened the door to many suggestions: the introduction of more relevant courses, such as those on how to deal with special needs students (abuse, integration and disease); a more coordinated program to eliminate overlapping of courses; more classes on classroom and behavior management techniques as well as a research-based understanding of the appropriate use of such techniques; and the inclusion of instruction and practice in student evaluation in all programs.

Associate Dean Al MacKay, who headed up the Faculty's Teacher Education Committee, told forum participants that the committee's final report is comprehensive and includes many recommendations already discussed in the forum. He emphasized that the report is based on the guiding principle that teacher education is a Faculty (everyone's) responsibility.

According to Education Week organizers, the Educational Students' Association, the event achieved its aims of informing and encouraging discussion on education-related topics among students. An indication that students are concerned about their future was evident during a session on opportunities for teachers outside Canada. More than 100 students crowded into a classroom to hear Barry Tonge of the International Centre give an overview of the situation and answer numerous questions.

DEVELOPMENTAL DISABILITIES CENTRE OFFERS WORKSHOPS

Workshops on kindergarten and early school years will be held at the Developmental Disabilities Centre, 1-3 February at 6:30pm.

The workshops are designed for pre-school and elementary education teachers, special education/resource teachers, and language impairment specialists.

The instructors are JP Das and David Tzuriel. Call 492-4439/4505 for full details.

TALKS

AHFMR

1 February, 4 pm

David Zarkower, postdoctoral fellow, Medical Research Council, Laboratory of Molecular Biology, Cambridge, England, "Control of Sexual Differentiation by the *C. elegans* Gene *Tra-1*." Presented by Anatomy and Cell Biology. 5-10 Medical Sciences Building.

9 February, 9 am

Jay Heinecke, Washington University School of Medicine, St Louis, Missouri, "Molecular Markers for Oxidative Injury in Vascular Disease." Host: Lipid and Lipoprotein Research Group. 207 Heritage Medical Research Centre.

ANTHROPOLOGY

4 February, 2 pm

M Kat Anderson, University of California Berkeley's Wildland Resource Science Program, Department of Forestry and Resource Management, "Social Forestry in California: Indigenous Wild Plant Gathering and Management Projects on Public Lands." 14-28 Tory Building.

ARTS

3 February, 3:30 pm

McCalla Professorship Presentations. Stephen Arnold, "Attempting to Define African Aesthetics." Doug Owram, "The Baby Boom." Regula Qureshi, "Music and Representation: The Sarangi Tradition of India." L-4 Humanities Centre. Reception to follow in 6-40 Humanities Centre.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

28 January, 7:30 pm

Feature film: "Cossacks in Exile" (Canada 1938) - introduction by Bohdan Nebesio (film in Ukrainian with English subtitles). 1-41 Arts Building.

CHEMICAL ENGINEERING

3 February, 3:30 pm

Brian Lowry, "Shape Stability of Slender Liquid Bridges in Axial Flow." 342 Chemical-Mineral Engineering Building.

COMPARATIVE LITERATURE AND FILM STUDIES

28 January, 3 pm

Jørgen Dines Johansen, Center for Literature and Semiotics, Odense University, Denmark, "The Nature of the Sign in Literary Communication." 141 Arts Building.

ENTOMOLOGY

3 February, 4 pm

Greg Pommen, "'A Tasty Subject': Chemosensory Cue of Larviposition Behaviour of a Fresh Fly, *Neobelliera* (= *Sarcophaga*) *bullata* (Parker) (Diptera: Sarcophagidae)." TB-W1 Tory Breezeway.

10 February, 4 pm

James Weber, "Numerical Idolatry: Modelling Spruce Budwork Phenology on Route 66 Degrees N. *Choristoneura fumiferana* (Clemens) (Lepidoptera: Tortricidae)." TB-W1 Tory Breezeway.

GENETICS

28 January, 3:30 pm

Michael Schultz, "Transcriptional Regulation in Yeast." G-116 Biological Sciences Centre.

GEOGRAPHY

28 January, 3 pm

David Fisher, "Ice Caps and Models on Earth and Mars." Cosponsor: Applied Mathematics Institute. 3-36 Tory Building.

4 February, 3 pm

Tim Fisher, Department of Geography, University of Calgary, "The Northwest Outlet of Glacial Lake Agassiz and Associated Flood." 3-36 Tory Building.

GERMANIC LANGUAGES

28 January, 3 pm

Christoph Lorey, "Die Ideologie der Ehe in Wahrheit, Dichtung und Textinterpretation: *Wilhelm Meisters* Schoene Seele und die Geschichte ihrer Rezeption." 326 Arts Building.

HISTORY

2 February, noon

Randi Warne, "In Search of the Real McClung." 2-58 Tory Building.

HUMAN ECOLOGY

1 February, 3:30 pm

Jim Butler, "Deep Ecology Poetry from the Boreal Forest." 207A Law Centre.

8 February, 3:30 pm

Mats Ris, Ethnology, University of Göteborg, "Cultural Aspects of Tourism and Wilderness." 207A Law Centre.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

3 February, 12:30 pm

Wayne Roberts, "Mountain Whitefish: A Fish for All Seasons." G-116 Biological Sciences Centre.

10 February, 12:30 pm

Todd French, "Vegetation Ecology in the Nechako River, British Columbia: Empirical and Experimental Studies." G-116 Biological Sciences Centre.

NURSING

3 February, noon

Janet Hatcher Roberts, senior program officer, Health Policy and Planning International Development Research Centre, "New Reproductive Technologies and Their Implications for Women." B-122 Clinical Sciences Building.

NUTRITION AND METABOLISM RESEARCH SEMINAR/GASTROENTEROLOGY ROUNDS

14 February, 12:30 pm

David Silk, Central Middlesex Hospital, London, UK, "Small Intestinal and Colonic Responses to Enteral Feeding in Man; Relevance to the Pathogenesis of Enteral Feeding and Related Diarrhoea." Sponsor: Alberta Heritage Foundation for Medical Research. 2F1.04 Mackenzie Health Sciences Centre.

PERINATAL RESEARCH CENTRE

1 February, noon

Geoff Machin, "Among Monozygotic Twins, How Different Are Monochorionic and Dichorionic Pairs?" 2J4.02 Mackenzie Health Sciences Centre.

8 February, noon

Peter Olley, "The Enigmatic Ductus." 2J4.02 Mackenzie Health Sciences Centre.

PHILOSOPHY

3 February, 3:30 pm

Cameron MacKenzie, "How We Let Things Happen." 5-20 Humanities Centre.

PLANT SCIENCE

3 February, 12:30 pm

Janice Politeski, "Transformations." 1-06 Agriculture-Forestry Centre.

8 February, 12:30 pm

Robert Grant, "Response of the Wheat Ecosystem to Ambients vs. Elevated Atmospheric CO₂: Field Results and Model Testing from the Free Air CO₂ Enrichment (FACE) Experiment." 1-06 Agriculture-Forestry Centre.

ROYAL ALEXANDRA HOSPITAL WOMEN'S CENTRE

3 February, 7 pm

"Woman and Childbirth: Taking Control in Hospital and Home," a public forum whose speakers include Peggy Anne Field and Patricia Valentine. Pre-registration required. Call 477-4810, between 1 and 7pm, for registration/information.

RURAL ECONOMY

31 January, 3:15 pm

Edward W Tyrchniewicz, "Paying the Crow Benefit: Some Technical Issues." 519 General Services Building.

SOCIOLOGY

2 February, noon

Leslie Kennedy, "Studying Conflict Styles in the Community: A Factorial Survey." 5-15 Tory Building.

SOIL SCIENCE

3 February, 12:30 pm

LW Turchenek, Environment Research and Engineering, Alberta Research Council, "Acid Deposition Impacts on Soils." 2-36 Earth Sciences Building.

10 February, 12:30 pm

Chris Powter, director, Alberta Environmental Protection, "Reclamation for Well Sites and Associated Facilities." 2-36 Earth Sciences Building.

STATISTICS AND APPLIED PROBABILITY

28 January, 3 pm

Vladimir Bogachev, Steklov Institute, Moscow, "Regularity of Invariant Measures Diffusion Processes in Finite- and Infinite Dimensional Spaces." 657 CAB.

WOMEN'S STUDIES

3 February, 3:30 pm

Janet Hatcher Roberts, International Development Research Centre (IDRC), Ottawa, "Sustainable Development: Embedding Health and Integrating Gender." Cosponsors: International Centre, Women's Program and Resource Centre, Nursing, and Students' International Health Association. L-2 Humanities Centre.

This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this manner, please contact: The Environmental Research and Studies Centre, 492-6659.

EVENTS

EXHIBITIONS

EXTENSION CENTRE GALLERY

Until 18 March

"The Poster, communication design" – an exhibition of posters featuring advertising, music, women's issues, and the environment. Gallery hours: Monday to Thursday, 8:30 am to 8 pm; Friday, 8:30 am to 4:30 pm; Saturday, 9 am to noon. Information: 492-3034. 2-54 University Extension Centre.

FAB GALLERY

Until 30 January

"John King: New Paintings" – an exhibition of more than 30 abstract canvases that reflect the artistic development of the former Edmonton painter. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm, Monday and Saturday, closed. 1-1 Fine Arts Building.

McMULLEN GALLERY

Until 27 February

"Pluralism in Alberta Prints 1970-1985" – from the collection of the Alberta Foundation for the Arts. Curated by Bente Roed. Gallery hours: Monday to Friday, 10 am to 4 pm; Saturday and Sunday, 1 to 4 pm, evenings subject to availability of volunteers. Information: 492-8428 or 492-4211. Mackenzie Health Sciences Centre.

MUSIC

DEPARTMENT OF MUSIC

28 January, 8 pm

Visiting Artist Recital – Antonin Kubalek, piano, and Ivan Zenaty, violin. Convocation Hall.

29 January, 2 pm

Flute Masterclass – Tim Hutchins. PCL Hall, 5th Floor, Alberta College.

29 January, 8 pm

Visiting Artist Recital – John Sampen, saxophone. Convocation Hall.

30 January, 1 pm

Saxophone Masterclass – John Sampen. Convocation Hall.

30 January, 8 pm

World Music Concert. Convocation Hall.

2 February, 12:10 pm

Noon Hour Organ Recital. Convocation Hall.

2 February, 8 pm

Actor William Meilen, scholar David Gramit and pianist Helmut Brauss present *Kreisleriana*, representing the essence of German Romanticism. Admission: \$7/adults, \$5/students and seniors. Convocation Hall.

4 February, 8 pm

Master of Music Recital – Charles Stolte, saxophone. Convocation Hall.

6 February, 8 pm

Kilburn Encounters IV. Convocation Hall.

8 February, 8 pm

Faculty Recital – James Montgomery, trombone. Convocation Hall.

SPORTS

HOCKEY

4 and 5 February, 7:30 pm

Bears vs Lethbridge. Clare Drake Arena.

VOLLEYBALL

28 January, 7 pm

Pandas vs Tsukuba, Japan. Main Gym.

4 February, 6:30 pm

Pandas vs British Columbia. Main Gym.

4 February, 8 pm

Bears vs British Columbia. Main Gym.

THEATRE

STUDIO THEATRE

10 to 19 February, 8 pm; 17 February, 12:30 pm

"Tis Pity She's A Whore" by John Ford. Directed by Barbara Coleman. Information and tickets: 492-2495. Myer Horowitz Theatre.

Do you know what's going on down the hall?

Poster session aims to inform faculty about diversity of research

What are your colleagues on the floor below you doing? Do you know? Chances are you're too busy to enquire, or you're so absorbed in your own research and teaching activities that you simply can't take the time to find out.

Organizers of a campuswide poster session are going to make it easier for you to get to know a little bit about what your colleagues across the campus are doing. A six-hour poster session will be held Saturday, 5 March, on the second floor of the Heritage Medical Research Centre.

"There are many exciting things going on at the U of A and most of us don't know what's going on in other departments," says organizing co-chair Bob Crawford (Chemistry). "Research Revelations '94" will allow researchers across the campus to communicate with one another in a multidisciplinary fashion, and it should promote collaborative research, says Dr Crawford.

That's one of the poster session's major goals. The University wants to encourage more of its researchers to consider collabora-

tive research programs with their colleagues and to boost the numbers of applications for collaborative research funding from the major granting councils.

Granting councils are pouring more money into collaborative research. The Tri-Council Eco-Research program, for example, will commit approximately \$41 million to research from 1991-99. The NSERC collaborative special projects program will begin with \$10 million per year and rise in three years to an annual budget of \$28 million per year. And an MRC/PMAC collaborative program will channel \$200 million over the next five years into academic health science research. SSHRC also provides funding for major collaborative research initiatives.

Representatives from the major research granting councils will be at the poster session to answer questions.

The Office of the Vice-President (Research) hopes to hold the event annually. Faculty, students and other interested people are welcome to attend.

ADS

ACCOMMODATIONS AVAILABLE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max, Ports West, Victoria, BC.

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University enquiries welcome, 492-7044.

RENT - Strathearn Drive executive two storey, fully furnished. 1 March to 31 July 1994, \$1,000/month. Jacuzzi, hardwood floors, renovated throughout. City view. Western Relocation, 434-4629.

RENT - Southwest, Lansdowne, perfect location near University and river valley. Three bedroom split level with den on lower level, upgraded, bright. Must be seen. Janet, 435-0808, or Western Relocation, 434-4629.

RENT - Ottewell, renovated two storey, four bedroom with delightful sunroom off living room. Formal dining room. Yard has fruit trees, large deck. Partially or furnished. Western Relocation, 434-4629.

RENT/SALE - Oliver, stylish executive townhouse. Private living spaces on several levels. Offers luxurious living, must be seen! Janet Jenner Fraser, Spencer Realty, 435-0808.

SALE - Glenora, gorgeous two storey, three bedroom with entertainment area to appeal to everyone! South facing kitchen, backyard backs onto ravine. For appointment, Janet Jenner Fraser, 438-0808.

SALE - Charming two storey, Old Strathcona. Ron, 439-3300.

RENT - May - July, fully furnished three bedroom house 1 km south of University. Character, garden. \$850/month. 492-5731, 438-7886.

RENT - Four bedroom, bi-level, fully furnished house. Ermineskin. 1 May - 15 August. 430-9937 after 6 pm.

RENT - July 1994 - August 1995. Furnished bungalow, quiet street, Windsor Park. Two bedrooms, offices, bathrooms, large living/family rooms. Greenhouse. Garage. Nonsmokers, no pets. Sabbatical leave. \$1,200/month plus utilities. 492-4635.

SALE - Riverbend (Brander Gardens). Beautiful treed neighbourhood, walking distance to schools - good bus service to University. Four bedrooms, professionally designed backyard. Ann Dawrant, Spencer Realty, 435-0808.

SALE - Contemporary, energy efficient, unique two storey, five bedroom home. Vaulted ceilings, main floor oak finished den, huge lot. Riverbend, quiet mature location. \$335,000. Liz Crockford, Spencer Realty, 435-0808.

SALE - Saskatchewan Drive, special land value - two lots with impressive 2,000' bungalow. Liz Crockford, Spencer's, 435-0808.

SALE - Belgravia, 1,540' executive condominium. Fireplace, jacuzzi, security, south exposure, large balcony, six appliances, underground parking. Walk to University. Liz Crockford, Spencer's, 435-0808.

SALE - Three bedroom bungalow, oak flooring, high basement with in-law suite and recreation room, appliances, double garage. \$124,900. Close to University. Liz Crockford, Spencer Realty, 435-0808.

RENT - Two bedrooms, two bathrooms, five minutes from University on Saskatchewan Drive. Adult building, heated underground parking, washer, dryer. \$775/month. 477-2105.

RENT - Sabbatical, September 1994 to September 1995. Hardisty, furnished three bedroom bungalow. Quiet family neighbourhood, near river valley. 2 1/2 baths, den, garage. \$1,400/month, negotiable. Call 466-4875 evenings.

RENT - Old Strathcona, three bedroom furnished, \$750, or two bedroom unfurnished, \$650, main floor suite. Hardwood floors, utilities included. Mature persons preferred. Available immediately. 434-6287.

RENT - Windsor Park, three bedroom bungalow. Finished basement, detached single garage, one block from campus. 446-9218.

SALE - Spacious, 1,681 square foot, three bedroom, ALL brick bungalow. Three full baths, fully developed basement, double detached garage, gorgeous landscaping and more. \$204,900. Joan Lynch, Re/Max Realty, 438-7000.

SALE - Windsor Park, overlooking Edinboro Park sits this elegant, four bedroom, two storey. Master bedroom with ensuite, fireplace, family room, large deck. \$288,800. 9239 118 Street. Joan, Re/Max Realty. 433-9025, 438-7000.

SALE BY OWNER - North Glenora, quality three bedroom plus 1,285' bungalow. Finished basement, seven minutes University, two bathrooms, two furnaces, RV pad, double detached garage. Upgraded. Offers considered. 454-6485.

SALE BY OWNER - Rowland Road on riverbank. Completely renovated, 1,440' executive bungalow. Like living in the country. Ten minutes from the University. \$229,900. 468-1727 anytime.

SALE - Grandview, lovely bungalow, open floor plan facing the backyard. Great location. \$178,000. Ed Lastiwka, Royal LePage Realty, 446-3800.

RENT - Large home, close to University (Engineering Building). Five bedrooms and large den, two baths, six appliances, single garage. To view, call Dorland Management, 486-7169.

RENT - Oliver, luxurious condominium with spectacular river valley view. One bed-

AWARD OPPORTUNITIES

ANR TRUST FUND

The ANR Trust Fund has available grants up to \$5,000 for research projects related to HIV infection and AIDS-related matters. The projects must be designed to produce publishable results, and may be part of a larger project. Deadlines for applications are 1 March and 1 October. Requests for further information and/or application forms should be directed to: Dr RL Collins-Nakai, Chair, ANR Trust Fund Committee, Faculty of Medicine, 2J2.00 Walter C Mackenzie Health Sciences Centre (telephone 492-9727).

room, dining/den, sunroom, underground parking. No pets. Available immediately. \$1,075 plus utilities. 454-2125.

RENT - Sabbatical leave, August 1994 - 31 July 1995. Furnished split-level, three bedrooms, two bathrooms. Fifteen minutes from University. \$1,300/month plus utilities. 492-0372/481-8186.

ACCOMMODATIONS WANTED

MATURE, CLEAN WORKING LADY looking to housesit. References supplied. Call Jo, 433-7583 or 458-5934.

GOODS FOR SALE

CASH PAID FOR APPLIANCES - 432-0272.

1977 BUICK ELECTRA - two door. Great condition. Recently re-painted. Silver with vinyl cap. Original owner. First \$1,000 buys it...We need the garage space! 436-1376.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts, etc. 453-2769.

HEARTWOOD RENOVATIONS - Complete interior renovations. Specializing in basements, bathrooms, kitchens. Count on us for all your home repairs. References available. Phone Dennis Ellerman, 466-5941.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential and commercial renovations including plumbing/electrical. References available. 436-6363.

TECH VERBATIM - Word processing, résumés, theses, medical terminology. Donna, 440-3714.

BACK BASICS REMEDIAL THERAPY - Supplementary health care coverage. 436-8059.

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